

rechrg_deerpt

Location: naturalresources\rechrg_deerpt

Description

This layer consists of the Econfina Creek and Deer Point Lake recharge area, contributed from Floridan Aquifer zones, where ground water flows toward and discharges to Econfina Creek and Deer Point Lake. This polygon layer covers parts of Bay, Washington, Calhoun, and Jackson counties. (Arc attributes are in the coverage.)

For surface water contribution to Econfina Creek and Deer Point Lake, see **drain_deerpt.shp**.

Source

The Econfina Creek and Deer Point Lake recharge area was mapped under special funding by the Northwest Florida Water Management District (WMD). They delineated the recharge area to determine what land to buy to protect the first magnitude springs of the Econfina. Coverage GIS data was created for Figure 6 of the 1996 “*Econfina Recharge Report*”, no longer in publication.

In April 2001, a coverage was aquired from Chris Richards of the WMD (chris.richards@nwfwmd.state.fl.us). No documentation accompanied the data. The original coverage was in UTM Zone16; GIS staff projected the cover to State Plane Florida north zone. In ArcInfo, an identity was performed with the **county** cover. A **county** field was also added and attributed to determine which county the polygons fall in. The coverage was then converted to a polygon shapefile.

In July 2002, Bay County GIS staff noticed this layer depicted in Figure 6 of the Chris Richards’ 1997 report “*Delineation of the Floridan Aquifer Zone of Contribution for Econfina Creek and Deer Point Lake*” available at http://www.state.fl.us/nwfwmd/pubs/econfina_recharge/econfina_recharge.pdf. Figure 6 can be found on pdf page 32; see pdf page 15 – 18 (report page 7 – 10) for explanation of Figure 6.

In July 2002, Bay County GIS staff added Jackson County line from **counties** coverage.

Other recharge areas have not been delineated by the WMD yet.

This data is provided with the understanding that the conclusions drawn from such information are solely the responsibilities of the user. The GIS data is not a legal representation of the features depicted, and any assumption of the legal status of this data is hereby disclaimed. Errors or omissions should be reported to the Bay County GIS Division 850-784-6171.

Attribute Table Structure

| Item Name | Width | Output | Type | Decimals |
|-----------|-------|--------|------|----------|
| Basin | 12 | 12 | C | - |
| Sq_miles | 4 | 12 | F | 3 |
| Acres | 10 | 10 | N | 2 |
| County | 10 | 10 | C | - |

Attributes

Basin

Floridan Aquifer zone of contribution to basin:

econfina = contributes to middle Econfina Creek major springs

deer point = contributes to lower Econfinia Creek or Deer Point Lake
max-extent = may contribute to Econfinia Creek or Deer Point Lake

Sq_miles

Square miles per GIS = **area** / 27878400

Acres

Acres per GIS = **area** / 43560

County

Name of the county the polygon falls in: Bay, Washington, Calhoun, Jackson